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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/687,905	10/17/2003	Romeo Joseph D. Garcia JR.	GP-303342	1947
7590 12/15/2005				
LAURA C. HARGITT General Motors Corporation Legal Staff, Mail Code 482-C23-B21 P.O. Box 300 Detroit, MI 48265-3000			EXAMINER TO, TOAN C	
			ART UNIT 3616	PAPER NUMBER
DATE MAILED: 12/15/2005				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/687,905	GARCIA ET AL.	
	Examiner	Art Unit	
	Toan C. To	3616	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 October 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,2,4-10 and 15-19 is/are rejected.
- 7) ☒ Claim(s) 3, 11-14, 20 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 17 October 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>10-17-2003</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Drawings

1. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, "a pair of horizontally spaced side frame members" as recited in claim 15 must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claim 15 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Recitation "a seat back frame that includes a pair of horizontal spaced frame members" in claim 15 renders the claim indefinite for being unclear because the drawing shows that the seat back frame includes a pair of vertical side frame members 42 and 44 but not "horizontal side frame members"; therefore, it is not known what elements are referred to "a pair of horizontal spaced frame members". For purpose of examining the claim on merit, the examiner assumes that applicant intends to claim a pair of vertical side frame members instead of "a pair of horizontal side frame members".

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

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5. Claims 1-2, 4-10, and 15-19 are rejected under 35 U.S.C. 102(e) as being anticipated by Hamada et al (U.S. 6561,543).

Hamada et al discloses a device for detecting presence of a child restraint seat when the child restraint seat is attached to a vehicle seat, the device comprising: an anchorage (50) having at least one coupler (50B) adapted to couple with a complementary coupler (44) on the child restraint seat (42) to retain the child restraint seat on the vehicle seat (14); the anchorage being movable with respect to the vehicle seat and being biased to a first position with respect to the vehicle seat, the first position (see figure 4) being indicative of an absence of the child restraint seat attached to the anchorage (50), and a position sensor (54) attached to the anchorage (50) for detecting movement of the anchorage (50) to a second position with respect to the vehicle seat, thereby indicating a child restraint seat is attached to the anchorage, the position sensor (54) being adapted to transmit a signal to an air bag controller when moved to the second position; wherein the anchorage (50) is biased to the first position by at least one spring (56); wherein, the anchorage is resilient and deflected from the first position to the second position (movement of the rod 50 from the first position as shown in figure 3 to second position of the rod 50 as shown in figure 6); wherein the vehicle seat includes a seat back frame (element 36 as shown in figure 2), the anchorage (50) being attached to the seat back frame by a cross bar (46) adapted to be mounted between two vertically extending seat back frame members (elements 36 as shown in figure 2) comprising the seat back frame; wherein the anchorage (50) comprises an anchorage bar extending along the cross bar and having two couplers at spaced locations thereon

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(figure 2 shows left and right fixture attachments of the child seat for attaching to two different locations of the rod 50; therefore, the rod 50 is considered to have two different couplers at the two different locations); wherein the anchorage bar(50) is resilient and is fixed to the cross bar at a portion of the anchorage bar, a second portion of the anchorage bar having the couplers thereon and being deflectable with respect to the first portion; wherein the couplers are loops (loop 92 in figure 13) disposed adjacent to opposite ends of the anchorage bar; wherein the cross bar (46) has a load limiter surface (surface of fixture bar which in contact with the rod 50) thereon which engages the anchorage bar (50) when the bar deflects to the second position; wherein the position sensor (54) is mounted on a plate (70) extending between the loops that define the couplers.

Allowable Subject Matter

6. Claims 3, 11-14, and 20 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

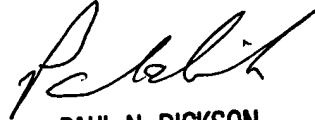
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Toan C. To whose telephone number is (571) 272-6677. The examiner can normally be reached on Mon-Fri (8:00-5:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paul Dickson can be reached on (571) 272-6669. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TTTo
December 8, 2005

 12/12/05
PAUL N. DICKSON
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3600